

Abstract

A vacuum device comprises a plurality of cryopumps (10) connected with one or a plurality of vacuum chambers. The cryopumps (10) are connected via media supply conduits (12) and media return conduits (14) with a compressor (16). An adjusting device (18) is connected before at least one of the cryopumps for controlling the amount of media fed to the cryopump. Further, the cryopumps (10) comprise a temperature measuring device. The temperature measuring device and the adjusting device (18) are connected with a controller (28). To allow the desired amount of media to be fed to the cryopumps (10), the adjusting device (18) comprises a throttle (24) in a media supply conduit (12) and a controllable valve in a throttle bypass conduit (22).